

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A computer-implemented method of creating a new label in a computer-implemented business integration system, wherein the new label is a computer-implemented user interface element configured to identify a control within a user interface associated with the business integration system, the method ~~comprising the steps of:~~

receiving data at an interface ~~indicative of how the new label is used~~; indicating a desired text for the new label;

searching a label database for indications of existing labels that include text matching a the desired text, wherein existing labels represented in the label database are computer-implemented user interface elements; and

returning to ~~the~~ a user, based at least in part on the results of the search of the label database, a list of existing labels that include text matching the desired text. ~~matches found in the label database.~~

2. (Cancelled) The method of claim 1 further including the steps of:

selecting one of the matches as text for the new label.

3. (Cancelled) The method of claim 1 wherein receiving the desired text for the label includes receiving at least a portion of the desired text.

4. (Currently Amended) The method of claim 1 further ~~including the steps of~~ comprising:

creating a new ~~object~~ entry in the label database for the

new label.

5. (Currently Amended) The method of claim 4 wherein creating a the new entry object ~~further including the steps of:~~ comprises:

assigning a GUID for the new label; and
creating a record in a label text database for text
associated with the new label.

6. (Currently Amended) The method of claim 5 ~~wherein receiving data into an interface further including the steps of:~~ comprising:

receiving data at the interface indicating a category code
for the new label; and
receiving data at the interface indicating a description
for the new label.

7. (Currently Amended) The method of claim 6 wherein receiving data at the interface indicating a description includes
~~receiving a namespace and a description.~~

8. (Currently Amended) The method of claim 6 further ~~including the steps of:~~ comprising:

receiving data at the interface indicating ~~an indication of~~
an original language ~~in which~~ for the new label ~~is~~
~~written.~~

9. (Currently Amended) The method of claim 4 further ~~including the steps of:~~ comprising:

storing the new label in the label database.

10. (Currently Amended) ~~The method of claim 9 further including the steps of:~~

~~storing versions of the text for the label in a record in a label text database.~~

The method of claim 1 further comprising:

receiving data at the interface indicating how the new label is to be used.

11. (Currently Amended) The method of claim 2 10 wherein searching the label database for existing labels that include text matching the desired text ~~further including the steps of:~~ comprises:

selecting records in the label database having at least a portion of the desired text;

identifying in the selected records an indication of how the selected record is used;

comparing the indicated use of the selected records with the indicated use of the new label; and

ordering the selected records based on a the degree of match with relative to the desired text and indicated use of the new label.

12. (Currently Amended) The method of claim 11 wherein returning to the user the list of existing labels ~~further including the steps of:~~ comprises:

displaying the list of ~~matches~~ existing labels ~~on the user interface.~~

13. (Currently Amended) The method of claim 12 wherein displaying the list ~~further including the steps of:~~ comprises:

~~ordering~~ displaying the list of ~~matches~~ existing labels where the ~~matches~~ existing labels having a closest

match to the desired text are displayed first.

14. (Cancelled) The method of claim 12 wherein selecting one of the matches further including the steps of:

receiving an indication that one record in the list of matches is a desired entry; and
selecting that entry as the new label text.

15. (Currently Amended) The method of claim 11 further ~~including the steps of:~~ comprising:

Receiving a selection of a label from the list of existing labels; and
comparing the ~~category~~ indicated use of the selected label against the ~~category~~ indicated use of the new label.

16. (Currently Amended) The method of claim 15 ~~wherein if the category of the selected label is not the same as the category of the new label then further including the steps of:~~ comprising:

determining that the indicated use of the selected label is not the same as the indicated use of the new label;
and
duplicating the selected label to the new label in the label database.

17. (Currently Amended) The method of claim 16 further ~~including the steps of:~~ comprising:

~~duplicating any translations in a label text database to the record in the label text database for the new label~~ any translations in the label text database for the selected label.

18. (Currently Amended) The method of claim 16 further ~~including the steps of:~~ comprising:

~~creating an entry in the new label indicating~~ associating
an ID of the selected label with the new label.

19. (Currently Amended) The method of claim 15 ~~wherein if the~~
~~category of the selected label is the same as the category of~~
~~the new label then further including the steps of:~~ comprising:

determining that the indicated use of the selected label is
the same as the indicated use of the new label; and
using the selected label for the new label.

20. (Cancelled) The method of claim 11 wherein if none of the
selected records includes the desired text further including the
steps of:

entering the desired text into the new label;
determining the category and description for the new label
based off of a current control for the system;
generating new translations for the text of the label; and
receiving the new translations into the record for the
label in the label text database.

21. (Withdrawn) A data structure representing a label
comprising:

a label identification (ID); and
a label text including text in a plurality of languages.

22. (Withdrawn) The data structure of claim 21 wherein the label
ID comprises:

a unique ID;
a namespace; and
a category.

23. (Withdrawn) The data structure of claim 22 wherein the label ID further comprises:

a description field indicating how the label is used.

24. (Withdrawn) The data structure of claim 23 wherein the label ID further comprises an indication that the label is a duplicate of another label stored in a duplicated from field.

25. (Withdrawn) The data structure of claim 24 wherein the duplicated from field includes the unique ID for the label that the current label was duplicated from.

26. (Withdrawn) The data structure of claim 22 wherein the category further comprises:

a node type;

an object type; and

a property name.

27. (Withdrawn) The data structure of claim 22 wherein the unique ID is a GUID.

28. (Withdrawn) The data structure of claim 22 wherein the label ID includes a field indicating that the label is a master label.

29. (Withdrawn) The data structure of claim 21 wherein the label text comprises:

a textual phrase entry in an original language; and

a translation of the textual phrase into at least one of the plurality of languages.

30. (Withdrawn) The data structure of claim 29 wherein the label text further comprises:

an edited date field for each entry in the label text indicating at least the date that entry was created.

31. (Withdrawn) The data structure of claim 30 wherein the label text further comprises:

a field holding a unique ID for each entry in the label text;

a field holding an ID of a label in the label ID table that is for the master label; and

a history field indicating information related to a history of the label text.

32. (Withdrawn) The data structure of claim 21 wherein the label ID and the label text are a single metadata table.

33. (Withdrawn) The data structure of claim 21 further comprising:

a master indication, indicating that a label has a master label; and

a language indication indicating a selected language that the label was created in.

34. (Withdrawn) A computer readable medium containing computer executable instructions that, when executed, cause a computer to perform the steps of:

creating a new object in the label database for the new label;

receiving data into an interface an indication how the new label is used;

searching a label database for text matching the desired

text; and
returning to the user a list of matches found in the label
database.
selecting one of the matches as a text of the new label.

35. (Withdrawn) The computer readable medium of claim 34 further
comprising instructions to perform the steps of:

assigning a GUID for the new label;
creating a record in a label text database for the new
label;
receiving a category code for the new label;
receiving a description for the new label;
receiving an indication of an original language in which
the new label is written; and
storing versions of the text for the new label in a record
in a label text database.

36. (Withdrawn) The computer readable medium of claim 35 further
comprising instructions to perform the steps of:

opening a label dialog interface prior to receiving data
into the interface; and
receiving the data in the label dialog interface.

37. (Withdrawn) The computer readable medium of claim 34 wherein
searching the label database for text matching the desired text
further comprising instructions to perform the steps of:

selecting records in the label database having at least a
portion of the desired text;
identifying in the selected records an indication of how
the selected record is used;
comparing the indicated use of the selected records with
the indicated use of the new label;

ordering the selected records based on a match with the
desired text and indicated use of the new label;
displaying the list of matches on the user interface;
displaying information for each identified entry contained
in the label database;
receiving an indication that one record in the list of
matches is a desired entry;
selecting that entry as the new label; and
comparing the category of the selected label against the
category of the new label.

38. (Withdrawn) The computer readable medium of claim 50 wherein
if the category of the selected label is not the same as the
category of the new label then further comprising instructions
to perform the steps of:

duplicating the selected label to the new label in the
label database; and
creating an entry in the new label indicating the ID of the
selected label.

39. (Withdrawn) The computer readable medium of claim 38 further
comprising instructions to perform the steps of:

duplicating any translations in the label text database to
the record in the label text database for the new
label.

40. (Withdrawn) The computer readable medium of claim 39 wherein
if the none of the selected records includes the desired text
then further comprising instructions to perform the steps of:

receiving an entire portion of the desired text into the
new label; and
assigning a category and a namespace control based upon a

current category and namespace control.

41. (New) A computer-implemented method of creating a new label in a computer-implemented business integration system, wherein the new label is a computer-implemented user interface element configured to identify a control within a user interface associated with the business integration system, the method comprising:

receiving data at an interface indicating how the new label is to be used;

searching a label database for indications of existing labels, wherein searching comprises searching based at least in part on the data indicating how the new label is to be used, and wherein the existing labels represented in the label database are computer-implemented user interface elements configured to identify a control within the business solution software system; and

returning to a user, based at least in part on the results of the search of the label database, a list of existing labels.